Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 30 Dec 2021 until 23:59 on Friday 31 Dec 2021

Forecast Issued on Wednesday 29 Dec 2021 at 15:32

Confidence: High for an often cloudy, mild and at times wet period.

Headline for Thursday 30 Dec 2021: Cloudy with outbreaks of rain, but often dry in the afternoon. Windy.

Mountain weather hazards on Thursday 30 Dec 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Heavy Rain	Drizzle	Mist	Dull	Light rain	Dull
Precipitation probability							
50%	80%	60%	60%	30%	20%	60%	30%

Forecast for Thursday 30 Dec 2021

Weather: Outbreaks of rain and drizzle overnight and during the morning. Cloudy and often overcast in the afternoon but mainly dry with only patchy drizzle. Further rain in the evening.

Chance of cloud free mountain/hill tops above 600m: 30%

Visibility: Good at times lower down, otherwise moderate or poor in rain and drizzle, and occasionally very poor over the tops. Extensive cloud, base 600m, lowering to 300m at times.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 30 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	29/39 SW	26/36 SW	29/39 SW	27/37 SW	26/35 SW	21/30 SW	23/32 SW	28/40 SW	30/43 SW
300	20/30 SW	19/29 SW	21/32 SW	19/30 SW	18/28 SW	16/25 SW	17/27 SW	21/33 SW	21/34 SW
Valley	11/27 SW	12/27 SW	13/29 SW	13/27 SW	13/26 SW	10/22 SW	11/25 SW	14/31 SW	15/32 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/3	9/5	10/5	9/5	9/5	9/5	9/5	9/4	8/4
300	10/6	11/8	12/8	11/8	11/8	11/8	11/8	11/8	11/7
Valley	10/7	11/9	12/9	12/9	12/9	12/10	12/9	12/9	11/8
Freezing Level*	2200m	2500m	2600m	2500m	2300m	2200m	2500m	2300m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigational difficulties possible at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 29 Dec 2021	2.6mm	8.4mm	12.2mm

Forecast for Friday 31 Dec 2021

Weather: Cloudy with outbreaks of rain overnight and during the morning. Turning drier during the afternoon with the cloud lifting and breaking. Very windy with some buffet over the tops.

Maximum wind: Southwest 30 to 35mph gusting 50mph over the tops.

Chance of cloud free mountain/hill tops above 600m: 30% becoming 80% in the afternoon.

Visibility: Moderate or poor in rain, becoming mostly good or very good in the afternoon. Extensive cloud, base 600m or less, lifting and breaking to patches above the tops during the afternoon.

Temperature: **Valleys:** Plus 8 to 12 Celsius
At 600m: Plus 7 Celsius
Freezing level: Above the summits.

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